(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 23 December 2004 (23.12.2004)

PCT

(10) International Publication Number WO 2004/111218 A2

(51) International Patent Classification⁷: C12P 19/20, A61K 38/47

C12N 9/34,

(21) International Application Number:

PCT/DK2004/000406

(22) International Filing Date: 11 June 2004 (11.06.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PA 2003 00884

13 June 2003 (13.06.2003) DK

- (71) Applicant (for all designated States except US): NOVOZYMES A/S [DK/DK]; Krogshøjvej 36, DK-2880 Bagsværd (DK).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): VIKSØ-NIELSEN, Anders [DK/DK]; Lindevej 12, Jørlunde, DK-3550 Slangerup (DK). NORMAN, Barrie, Edmund [GB/DK]; Magnoliavej 5B, DK-3460 Birkerød (DK). LANDVIK, Sara [SE/DK]; Plantagekrogen 8, DK-2950 Vedbæk (DK).
- (74) Common Representative: NOVOZYMES A/S; Patents, Krogshøjvej 36, DK-2880 Bagsværd (DK).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR PRODUCING GLUCOAMYLASES AND THEIR USES

(57) Abstract: The present invention relates to methods for producing isolated polypeptides having glucoamylase activity, filamentous fungal host cells comprising nucleic acid sequences encoding the polypeptides, and using the polypeptides.